

INTERNATIONAL SEARCH REPORT

Interr. Application No
PCT/IB2004/051973

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M7/06 H02M3/156

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VARIOUS AUTHORS: "Application Note 32, AC-DC power supply design" December 1999 (1999-12), APEX MICROTECHNOLOGY CORP., TUCSON (US), XP002309644 Retrieved from the Internet: URL: ">http://eportal.apexmicrotech.com/mainsite/pdf/an35u.pdf?guid=&item_id=&f_page=> page 1 - page 5	1
Y	----- -/-	2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

20 January 2005

Date of mailing of the International search report

08/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>VARIOUS AUTHORS: "Data Sheet TEA 152x family" 8 September 2000 (2000-09-08), PHILIPS SEMICONDUCTORS , EINDHOVEN (NL) , XP002309645 Retrieved from the Internet: URL:http://www.semiconductors.philips.com/pip/TEA1520P_N2.html> cited in the application figure 7</p> <p>-----</p>	2
A	<p>RALPH E. TARTER: "Solid-state power conversion handbook" 1993, JOHN WILEY & SONS , NEW YORK (US) , XP002309646 page 239 - page 241</p> <p>-----</p>	1,2